

CIRCULATION

Traffic Circulation - 1966

The average 1964 traffic counts available for streets of the Central Business District are shown on the Traffic Flow Map. Gannon Avenue (U.S. 64) carries the heaviest volume, 6,900 cars per day. Arendell Avenue carries about 4,000 cars per day. Other streets of the Central Business District carry much lower traffic volumes. The weekly traffic peak flow occurs on Saturday as a result of shopping activities. Shopping is a family activity for many of the rural families who buy in Zebulon on Saturdays when the wage earner has a day off; therefore, weekend traffic is greatly increased.

The condition and pavement width of the streets in the Central Business District are generally ample, Gannon, (38 feet) Arendell (38 feet), Vance (60 feet), and Horton Street east of Arendell Avenue (36 feet). All of the above streets are paved and have curb and gutter in the Central Business District area. Sycamore, Poplar, Church, and Horton Street (west of Arendell Avenue) include 20 to 22 feet of pavement but no curb and gutter. On-street parking on the latter two streets with shoulders 4 to 6 feet is difficult, and in some cases not feasible, depending on the condition of the street shoulder.

Existing curb and gutter streets include two 10 to 12 foot travel lanes and two - seven to eight foot parking lanes. Vance Street includes 60 feet of pavement, sufficient for two twelve foot travel lanes and two sixty degree parking lanes (18 feet wide). Ninety degree parking on this street should be converted to 60° parking to accommodate the additional traffic flow which will follow the relocated post office.

Street intersections in the Central Business District are usually channelized for left turn movements, etc.; however, the intersection around the Zebulon Motor Company needs attention (intersection of Gannon Avenue and N.C. 97 and Poplar Street). There are four roads intersecting at four points around the triangle area occupied by Zebulon Motor Company. For the most part channelization and curbing is completely lacking, and cuts